

## UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Eric K. Wilson

For: DISTRIBUTING PROCESSING FOR OPTIMAL QOS IN A BROADBAND

ACCESS SYSTEM

Serial No. 09/771,225

Filed: January 26, 2001

Examiner: Not yet assigned

Group Art Unit: Not yet

assigned

COPY

DEC 1 9 2001 ·

## INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents Washington, D.C. 20231

Sir:

Applicant submits herewith patents, publications or other information (listed on the attached Form PTO/SB/08A) of which Applicant is aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56. The majority of these references were cited in communications from a foreign patent office in counterpart foreign applications more than three months prior to the filing of this Information Disclosure Statement, but prior to receipt of the first Office Action on the merits of the subject application.

In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in this statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

No fee is believed to be due, however, the Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR § 1.16 or §1.17 to Deposit Account No. 03-3821, referencing Attorney Docket No. 23600.01401. A duplicate sheet is attached.

Respectfully submitted,

Crosby, Heafey, Roach & May

Professional Corporation

Dated: December 3, 2001

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CERTIFICATE OF MAILING - 37 C.F.R. § 1.08

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on December 3, 2001.

December 3, 2001

Date

Sandy Clayton

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				No.	Apath ation Number	09/771,225
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		. – .			Group Art Unit	Not Assigned
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Sheet	1	of	4		Attorney Docket Number	23600.01401

			Ū.	S. PATENT DOCUMENT	'S	
Examin er	Cite No.1	U.S. Patent Doc	Kind	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials		Number	Code <sup>2</sup> (if known)		DD-YYYY	Figures Appear
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miciala	140.	Office	Number	(if known)		MM-DD-YYYY	Figures Appear .			
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	B3	CA	2,187,141		Vallee et al.	04/04/1998				

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Τ°		
	C1	Golestani, S. (1995) "Network Delay Analysis of a Class of Fair Queueing			
		Algorithms", IEEE Journal on Selected Areas in Communication 13(6):1057-1070			
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	C4	Data Over Cable Interface Specifications, Cable Modem Termination System- Network Side Interface Specification, SP-CMTS-NSII01-960702 (July 2, 1996) pp. i-13			

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Substitute	for Form PTO	-1449		5	Com	olete if known
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STA	TEMENT	T BY	APPLICANT	F	irst Named Inventor	Eric K. Wilson
•				G	roup Art Unit	Not Assigned
	(use as many	sheets	as necessary)	E	xaminer Name	Not Assigned
Sheet	2	of	4	Α	ttorney Docket Number	23600.01401

			U.	S. PATENT DOCUMENT	'S	
Examin	Cite	U.S. Patent Doc		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where
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f	ice <sup>3</sup> Number <sup>4</sup>		ice <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> or Applicant of	ice <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> or Applicant of of Cited Document	ice <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> or Applicant of of Cited Document Passages or Relevant

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	C6	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface				
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	C7	Data-Over-Cable Service Interface Specifications, Operations Support System				
		Interface Specification SP-OSSI-102-990113 (January 13, 1999) pp. i-14				
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		Interface Specification Radio Frequency Interface, SP-OSSI-RFI-103-990113				
		(January 13, 1999) pp. i-29				

Examiner	Date	
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<sup>&#</sup>x27;Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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## INFORMATION DISCL STATEMENT BY APPLICANT

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Sheet	3	of	4

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Application Number 09/771,225					
Filing Date	January 26, 2001				
First Named Inventor	Eric K. Wilson				
Group Art Unit	Not Assigned				
Examiner Name	Not Assigned				
Attorney Docket Number	23600.01401				

			U.	S. PATENT DOCUMENT	S	
Examin er Initials	Cite No. <sup>1</sup>	U.S. Patent Docum	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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C11	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface Specification, SP-RFIv1.1-I03-991105 (November 5, 1999) pp. i-366	
C12	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSIv1.1-D01-991115 (November 15, 1999) pp. i-81	
C13	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSIv1.1-103-001220 (December 20, 2000) p. ii	
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